

## OutdoorNode



### Description

This watertight Node includes a 3000mAh LiPo battery, which can be charged with an external solar panel.

This waterproof node has a built-in 3000mAh LiPo battery and is designed for outdoor use.

The node is equipped with a BME680 and BH1750 sensor. The BME680 sensor measures temperature, humidity, air pressure and the air quality index, and the light intensity is also measured.

An additional, external sensor and a switch contact can be connected.

An external antenna can also be connected for areas with poor radio coverage.

Configuration is done with our WASN Configurator software for Microsoft Windows or Android.

### Specifications

- ☐ Timer and interrupt triggered measurement
- ☐ Integrated 3000mAh LiPo battery
- ☐ Solar charge option
- ☐ IP67 rated casing
- ☐ Complete modular design

### Technical details

- ☐ based on an ASR650x MCU
- ☐ DeepSleep current of 16uA
- ☐ 1 internal BME680 sensor
- ☐ 1 external sensor interfaces with IIC

### Supported Sensors:

- |   |   |
|---|---|
| <input type="checkbox"/> Temperature,           | <input type="checkbox"/> Wind speed and direction |
| <input type="checkbox"/> Humidity               | <input type="checkbox"/> Vibration                |
| <input type="checkbox"/> Air pressure           | <input type="checkbox"/> Magnetic field           |
| <input type="checkbox"/> Soil moisture          | <input type="checkbox"/> Different gases like CO2 |
| <input type="checkbox"/> Leaf wetness           | <input type="checkbox"/> ...                      |
| <input type="checkbox"/> UV and light intensity |   |